

CLAIMS

1. (currently amended) Metallic conductor for electric and/or communication cable that comprises a collected assembly of wires (22); characterized in that conductor (21) assumes a predetermined polygonal cross-section comprising one curved side.
2. (currently amended) Conductor according to Claim 1, in which the polygonal cross-section comprising at least one straight side.
3. (currently amended) Conductor according to ~~any one of~~ Claims 2 , in which the polygonal cross-section comprising a combination of at least one straight side and one curved side.
4. (previously presented) Conductor according to Claim 3, in which the polygonal cross-section is a circular sector.
5. (currently amended) Conductor according to ~~any one of the preceding~~ Claims 1, in which the diameter of each wire (22) is less than or equal to 0.61 mm.
6. (currently amended) Conductor according to ~~any one of the preceding~~ Claims 1, in which the conductor (21) is surrounded by a layer of an insulating material.
7. (previously presented) Conductor according to Claim 6 , in which the layer of insulating material is thermoplastic and/or thermosetting, such as polyethylene, polyester, fluorinated polymer, polyolefin, polyamide, polyimide, polyurethane, polyvinyl chloride, thermoplastic elastomer, ethylene-propylene, polychloroprene or silicone rubber, as well as their compounds and derivatives.
8. (previously presented) Electric and/or communication cable that comprises a

plurality of conductors (21) according to claim 1, electrically insulated from one another, and in their turn grouped together by a cabling process under a covering or a common binding element, characterized in that the conductors (21) assume a predetermined polygonal arrangement comprising a curved side.

9. (previously presented) Cable according to Claim 8, in which the predetermined polygonal arrangement includes at least one straight side.

10. (currently amended) Cable according to ~~any one of~~ Claims 9, in which the predetermined polygonal arrangement includes a combination of at least one straight side and one curved side.

11. (previously presented) Cable according to Claim 8, in which the predetermined polygonal arrangement is a circle.

12. (previously presented) Cable according to Claim 8, in which the predetermined polygonal arrangement is a rectangle.

13. (currently amended) Cable according to ~~any one of~~ Claims 11 to 12, in which the cable (23) comprises conductors (21) of different polygonal cross-sections.

14. (previously presented) Cable according to Claim 8, in which the predetermined polygonal arrangement is surrounded by at least one layer of a protective material.

15. (previously presented) Cable according to Claim 14, in which the layer of protective material is a metallic protective material.

16. (previously presented) Cable according to Claim 15, in which the layer of protective material is a thermoplastic and/or thermosetting polymeric protective material.

17. (previously presented) Cable according to Claim 14, in which the layer of protective material is a textile material applied in the form of a protective belt.

18. (currently amended) Cable according to ~~any one of the~~ Claims 15 to 17, in which the predetermined polygonal arrangement is surrounded by a combination of layers of protective material.

19. (currently amended) Method of manufacture of a metallic conductor (21) according to Claim 1, characterized in that the method comprises at least the stages of:

[[-]] ~~D~~ deformation, using a mechanical means of deformation, of a metallic conductor (21) that comprises an assembly of round metallic wires (22) for achieving the predetermined polygonal cross-section, and

[[-]] [[E]] e xtrusion, using an extrusion means, of the metallic conductor (21) obtained in the preceding operation.

20. (new) Cable according to Claim 12, in which the cable (23) comprises conductors (21) of different polygonal cross-sections.